

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Sivalingham

Serial No.: **09/973,421**

Filed: **October 9, 2001**

For: **Method for Time Stamp-Based Replay
Protection and PDSN Synchronization at a
PCF**

Docket No: **4740-013**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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) PATENT PENDING
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) Examiner: Robert W. Wilson
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) Group Art Unit: 2616
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) Confirmation No.:6284
)
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CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

☒ e-filed with USPTO.

July 5, 2006

Date


Kathleen Koppen

INTERVIEW SUMMARY

Sir:

Applicant submits the following summary of the telephonic interview held between the Examiner and the undersigned agent on July 3, 2006. No fees or dues should be required for entry of this paper. However, if any fees or dues are required for this paper, the Commissioner is authorized to charge them to Deposit Account 18-1167.

REMARKS

The undersigned agent first wishes to thank Examiner Wilson for taking the time to speak with him regarding the Advisory Action dated June 13, 2006. In that Advisory Action, the Examiner indicated that claim 46, which Applicant added in the response to final dated May 30, 2006, presented new issues and as such, would not be entered. The undersigned agent explained that new claim 46 simply rewrote previously rejected claim 16 such that it included the subject matter of its allowed dependent claim 20 and all intervening claims 17-19. The Examiner agreed that claim 46 included the limitations of all intervening claims, but asserted that the new claim did not reflect the exact language of intervening claim 18. Without admitting to the propriety of the objection and only in a good faith effort to advance prosecution, Applicant agreed to allow the Examiner to enter an Examiner's amendment clarifying new claim 46. The proposed amendment is seen below as the underlined portion of the claim.

46. A method of authenticating a second registration message received by a PCF that is purportedly responsive to a first registration message previously sent by the PCF to the PDSN, said method comprising:

- inserting a message number into said first registration message;
- sending said first registration message from said PCF to said PDSN;
- receiving said second registration message at said PCF responsive to said first registration message, said second registration message containing a time stamp and said message number from said first registration message;
- authenticating said second registration message based on said message number and said time stamp by validating said message number in said second registration message and if said message number is valid, validating said time stamp in said second registration message, wherein validating said time stamp in said second registration message comprises:
 - computing the age of said second registration message by computing a time difference between said time stamp in said second registration message and a time stamp in said first registration message; and
 - comparing said time difference to a the verification threshold; and
- accepting said second registration message if said second registration message contains a valid message number and a valid time stamp.

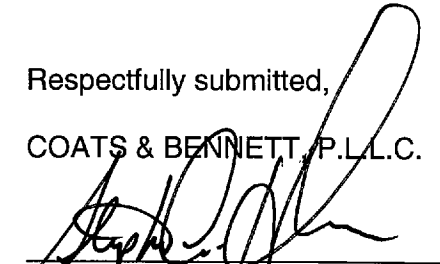
At the conclusion of the interview, the Examiner stated that he would consider the proposed amendment for entry and allowance. Applicant believes that the above-amendment

addresses the Examiner's concerns and places all pending claims in condition for allowance.

Accordingly, Applicant respectfully requests allowance of all pending claims.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.



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Dated: July 5, 2006

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